ARRANGEMENTS AND METHODS FOR LATENCY-SENSITIVE

HASHING FOR COLLABORATIVE WEB CACHING

Abstract of the Disclosure

Systems and methods for collaborative web caching among geographically

5   distributed cache servers, particularly, latency-sensitive hashing systems and methods for

collaborative web caching among geographically distributed proxy caches. Network

latency delays as well as proxy load conditions are taking into consideration during

hashing. As a result, requests can be hashed into geographically closer proxy caches if

the load conditions permit. Otherwise, requests will be hashed into geographically distant

10   proxy caches to better balance the load among the caches.